

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Ying LUO of Zhangjiang Hi-Tech Park, Pudong New Area, Shanghai 201203 People's Republic of China, and Xiang XU of 185 Cymbidium Circle, South San Francisco, CA 94080, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: TRAF4 ASSOCIATED CELL CYCLE PROTEINS,  
COMPOSITIONS AND METHODS OF USE

Filing Date: September 25, 2000

Application No.: 10/088,961; and

WHEREAS, Rigel Pharmaceuticals, Incorporated, a corporation of the state of Delaware, located at 240 East Grand Avenue, South San Francisco, CA, 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

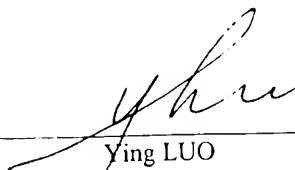
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

EXHIBIT ONLY

Dated: 11-19/02

  
Ying LUO

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 1

\_\_\_\_\_  
(Typed or printed name)

(2) Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness 2

\_\_\_\_\_  
Typed or printed name)

Dated: \_\_\_\_\_

\_\_\_\_\_  
Xiang XU

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

UNITED STATES OF AMERICA

On \_\_\_\_\_, before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

\_\_\_\_\_

(Seal)

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

EXHIBIT ONLY

Dated: \_\_\_\_\_

Ying LUO

SIGNATURE WITNESSED BY:

(1) Date: \_\_\_\_\_

Signature of Witness 1

(Typed or printed name)

(2) Date: \_\_\_\_\_

Signature of Witness 2

(Typed or printed name)

Dated: 11-28-02

Xiang XU

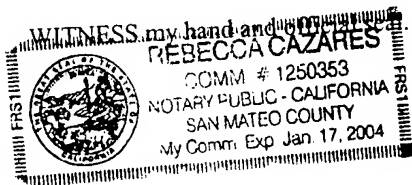
STATE OF California

COUNTY OF San Mateo

) ss.

UNITED STATES OF AMERICA

On November 25 2002, before me, Rebecca Cazares (here insert name and title of the officer), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.



Signature Rebecca Cazares

(Seal)